

ABSTRACT

A mechanical release or trigger device including a body. A trigger forming a shaft is movably mounted with respect to the body. At least one caliper is mounted with respect to the body and operatively connected to the trigger. The caliper is movable between a closed position and an open position, in response to a movement of the trigger. A sleeve is rotatably mounted with respect to the trigger and movable along an axis of the shaft. At least one stop element can be mounted with respect to the shaft at a first end portion of the sleeve or a second end portion of the sleeve, to limit axial movement of the sleeve. In one embodiment wherein the sleeve is asymmetric, and operatively connected to activate another mechanism such as a safety or firing system, a bias element can be operatively connected to the sleeve to bias the sleeve towards a first rotational position.